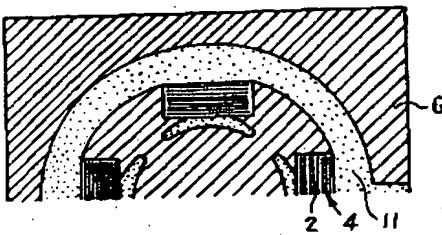


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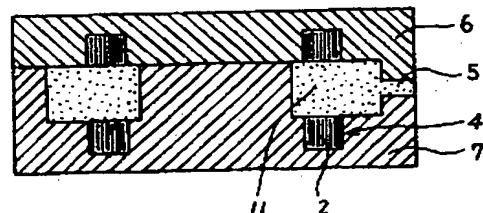


APPLICANT : MITSUBISHI CHEM IND LTD;

INVENTOR : SHIRAKI MANABU;

INT.CL. : H02K 15/12

TITLE : MANUFACTURE OF COIL HAVING
CORE FOR SALIENT-POLE TYPE
MOTOR



ABSTRACT : PURPOSE: To improve efficiency reducing iron loss and to mass-produce, by a method wherein a core having salient-hole is formed by injection molding of plastics mixed with iron powder.

CONSTITUTION: An armature coil 4 having an air core winded with conductor 2 on a bottom is arranged in an upper mold 6 and a lower mold 7 so that an injection 5 and a projection of a given shape may be formed. Molten plastics 11 mixed with iron powder is injected into the space between the upper mold 6 and the lower mold 7 by the injection 5 and is removed from the molds after cooled and solidified, and thus a coil having core for salient-pole type motor is prepared.

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